

AMENDMENT

Presented below are the amendments, with changes entered and not marked.

In the Title:

Please delete the title in its entirety and insert the following in place thereof:

--Enhanced photocell with sample and hold amplifier.--

In the Abstract:

Please delete the abstract in its entirety and insert the following in place thereof:

01 Under an embodiment, an apparatus includes an analog photocell; a sample and hold amplifier, with a first input to the sample and hold amplifier being a charge from the analog photocell and a second input to the sample and hold amplifier being a reference voltage; and an analog to digital converter, the analog to digital converter converting the output of the sample and hold amplifier to a digital value.
